INTELLIGENCE COLLECTION, OPERATION SECURITY, COMMUNICATION SECURITY AND TERRORISM

4.8

Terminal Objective:

- **Upon completion of this unit of instruction, the student will demonstrate knowledge of the operational and administrative organizational structures of the U.S Defense Establishment, from the National Security Organization through individual commands, of U.S. defense strategies, different warfare roles, and “From the Sea” philosophy as applicable to the U.S. Navy.**

Enabling Objectives:

- **4.55 Identifying the information-gathering methods used by Naval Intelligence, including the use of information collection ships.**
- **4.56 Define: Operations Security (OPSEC), Communications Security (COMSEC), online and offline.**
- **4.57 Describe the four components of Communications Security (COMSEC): physical security, emissions security, crypto security, and transmission security.**

Enabling Objectives:

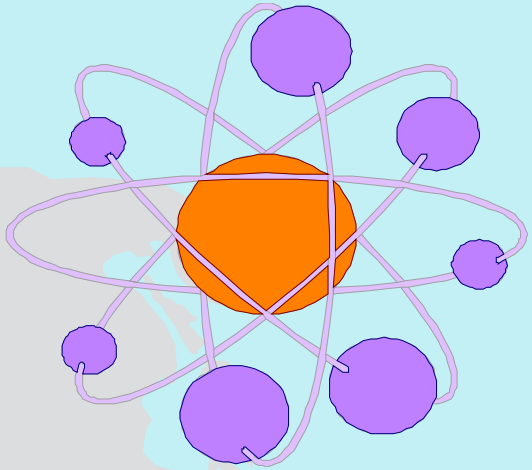
- **4.58 State the purpose of the Communications Security Material System (CMS).**
- **4.59 Name the four operating principles of CMS.**
- **4.60 Describe the development of international terrorism movements.**
- **4.61 Identify the effects of international terrorism on U.S. National interest.**
- **4.62 Identify the effect of international terrorism on U.S. national strategies.**

Question and Answer Policy

Intelligence Collection

Collection of information by various methods. Used to determine enemy strengths and intentions. Vital to the

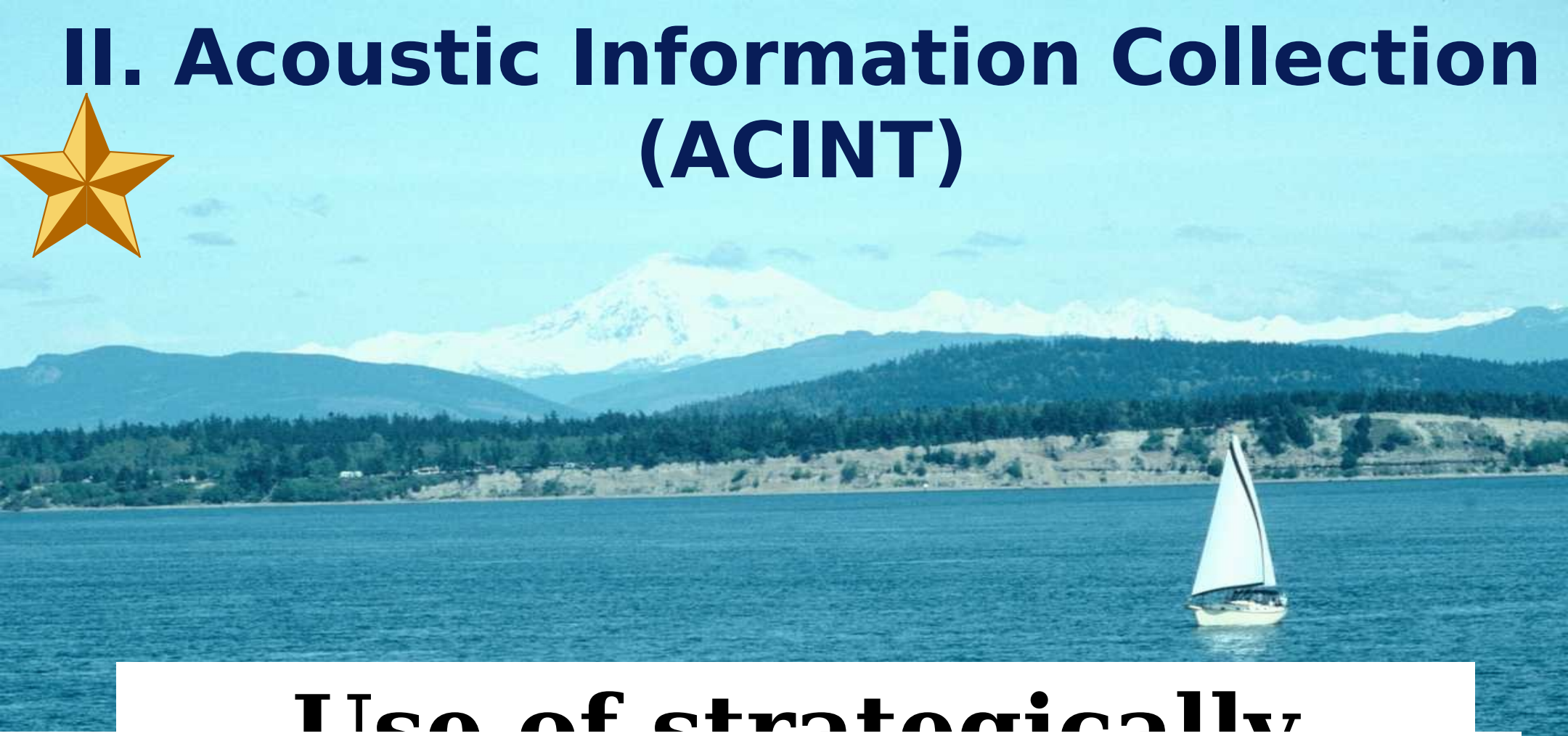
I. SIGINT:



Use of Electronic Support (ES) equipment to gather:

- **Electronic Intelligence (ELINT)**
- **Communications Intelligence (COMINT)**

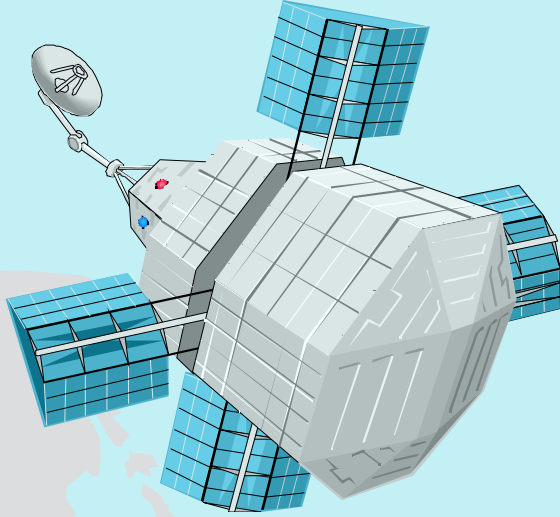
II. Acoustic Information Collection (ACINT)



Use of strategically

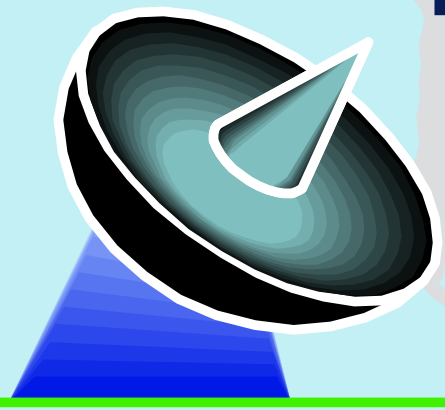
Integrated Undersea Surveillance (IUSS Stations) is used for acoustic data collection from undersea devices in support of Undersea Warfare

III. Imagery Collection (IMINT)



Use of photographs from various sources

Hand Held Cameras



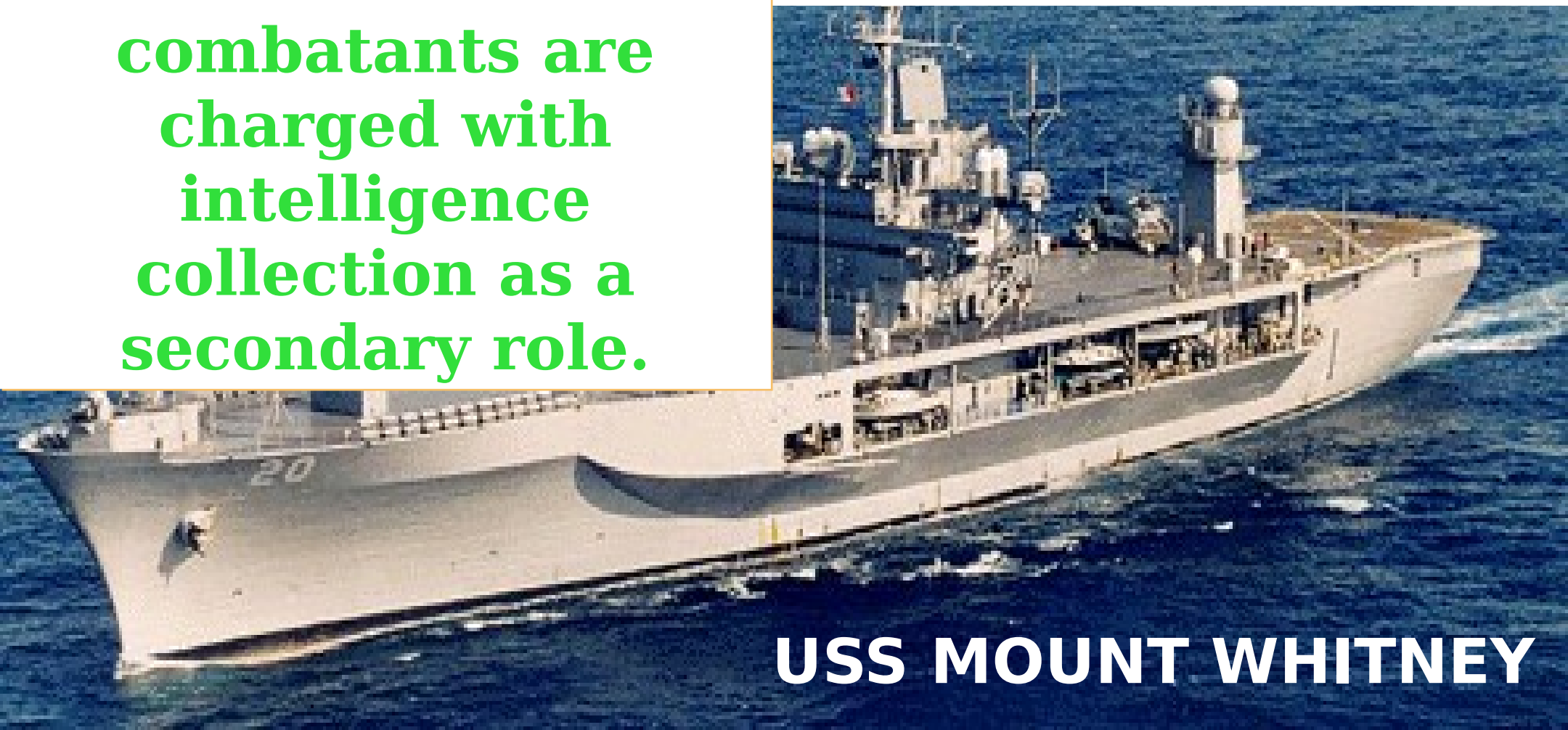
Intelligence Satellites

IV. Human Observations (HUMINT)

Use of personnel to gather and report

U. S. no longer owns ships specifically designed for ce collection.

All U.S. surface combatants are charged with intelligence collection as a secondary role.



We contract services for use of intelligence collection ships with Military Sealift Command (MSC).

MSC - Collects info on ballistic missile testin

USNS OBSERVATION ISLAND
“COBRA JUDY”

MSC - T-AGOS, Ocean surveillance

MSC - T-AGOS, Ocean surveillance

USNS INVINCIBLE

MSC - T-AGOS, Ocean surveillance

MSC - T-AGOS, Ocean surveillance

USNS IMPECCABLE

Counter Intelligence Measures

Measures taken to destroy the effectiveness of enemy

Actions to deny the enemy information concerning planned, ongoing, and completed operations

Communications Security (COMSEC)

Measures taken to deny unauthorized personnel information derived from telecommunications of the U.S. Government related to National Security.

Four Components of COMSEC

I. Physical Security

II. Emissions Security

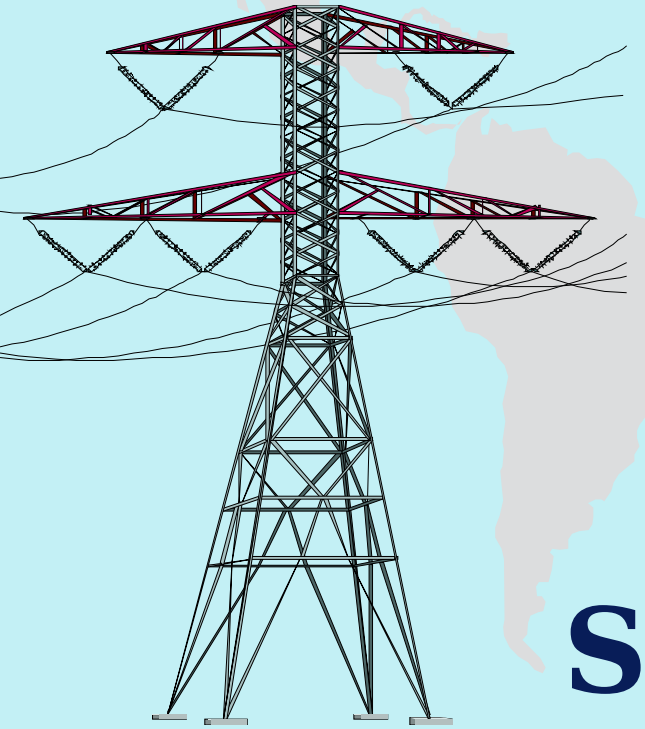
III. Crypto Security

IV. Transmission Security

I. Physical Security

Measures taken to protect classified documents and materials against loss or compromise

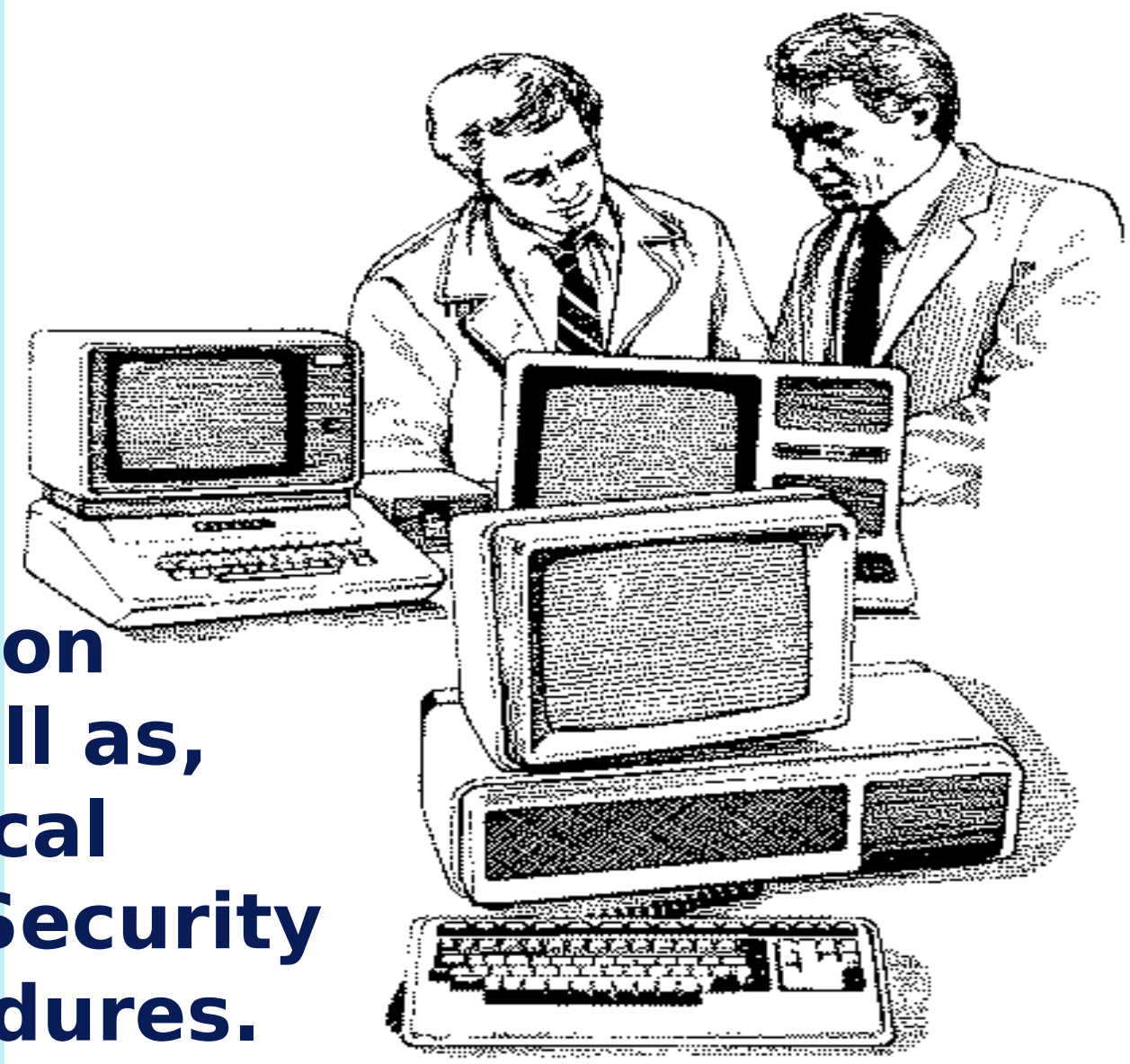
II. Emission Security



Measures taken to deny information derived from intercept analysis of emissions from telecommunications.

Shielded Cables and Rooms

III. Crypto Security



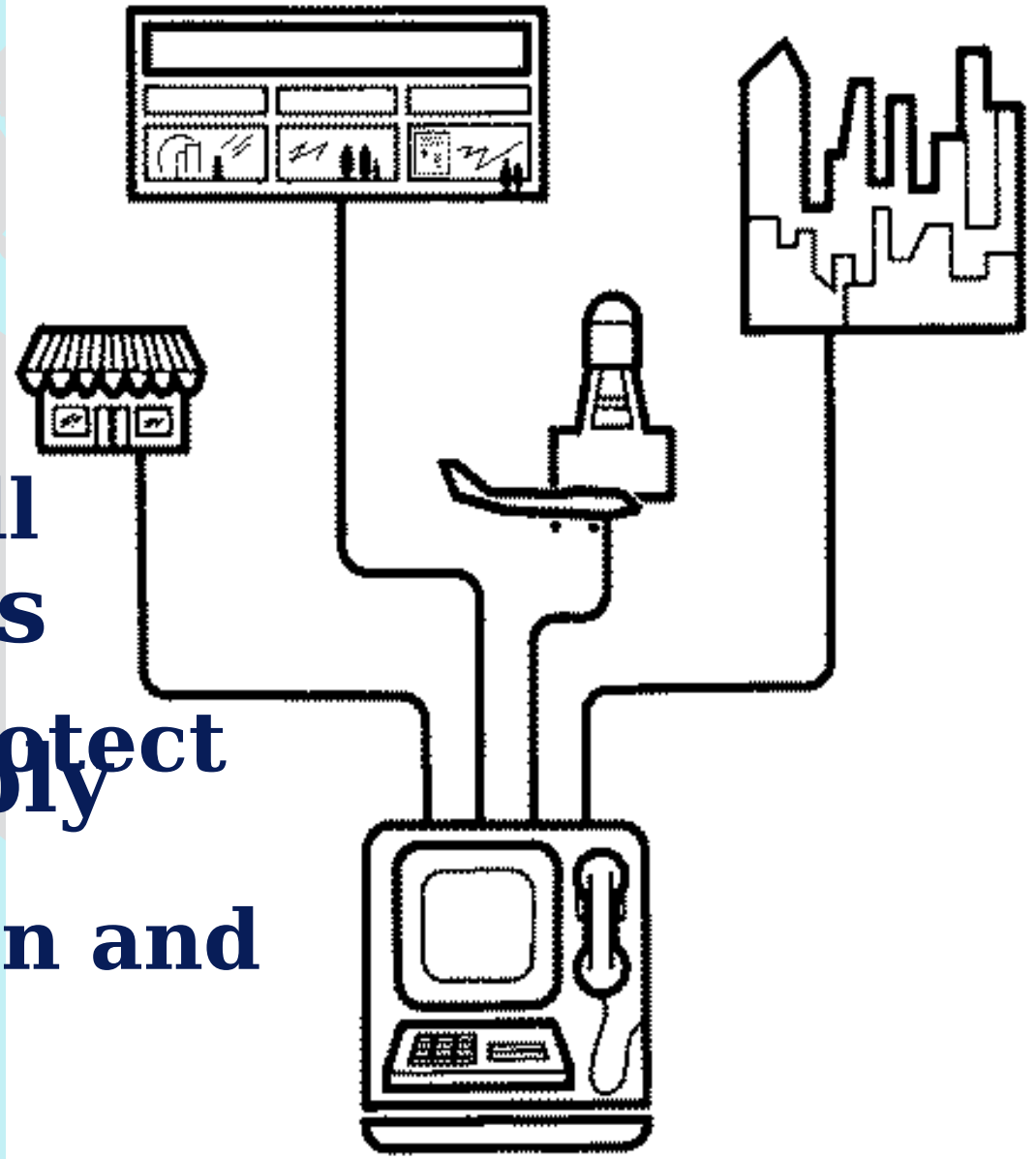
Secure Communication Systems, as well as, Sound Practical Communications Security Operating Procedures.

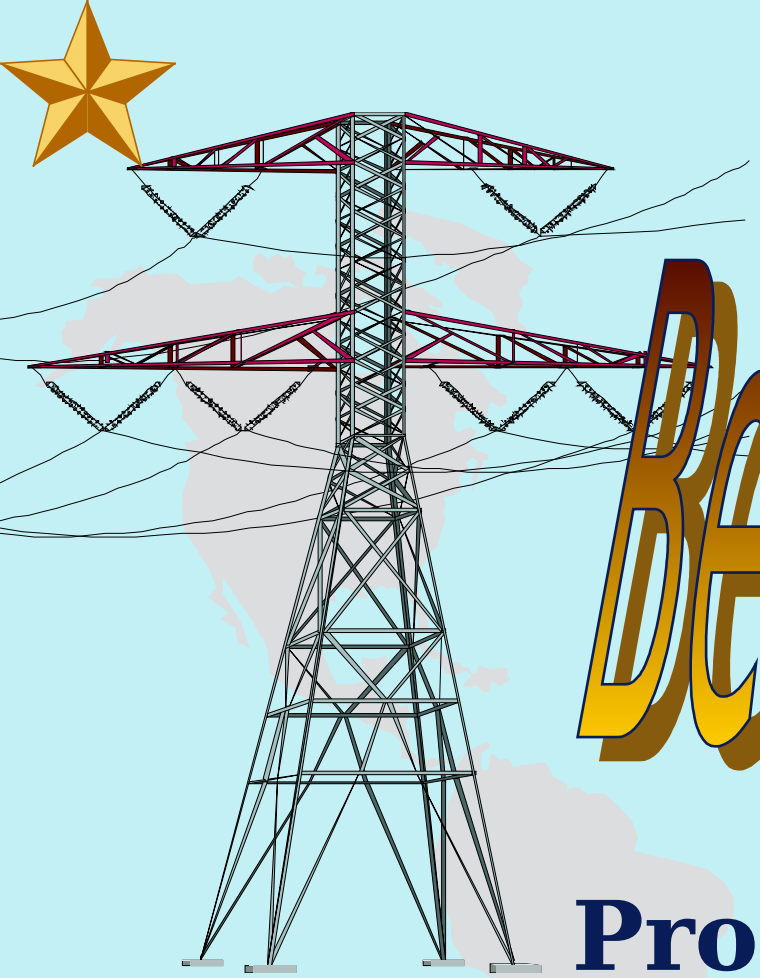
IV. Transmission Security

- Daily changing call signs.
- Operator alertness
- Challenge and reply
- Plain language restrictions.

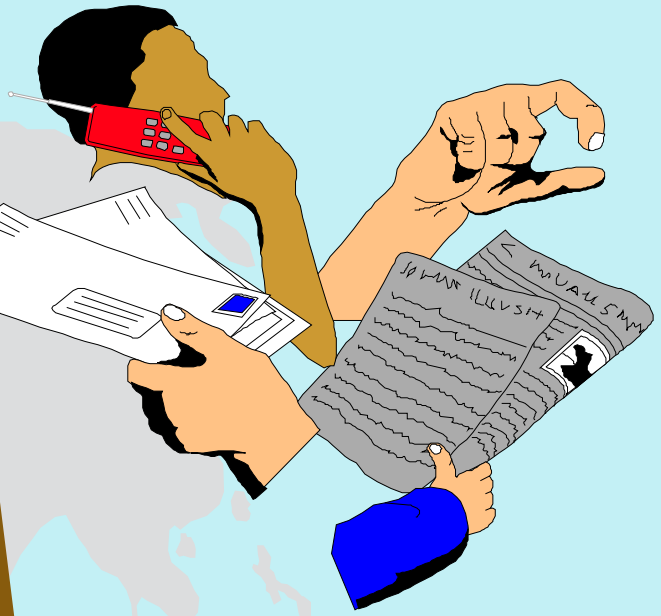
easures designed to protect
transmissions from
nauthorized interception and
traffic analysis.

Transmission
authentication

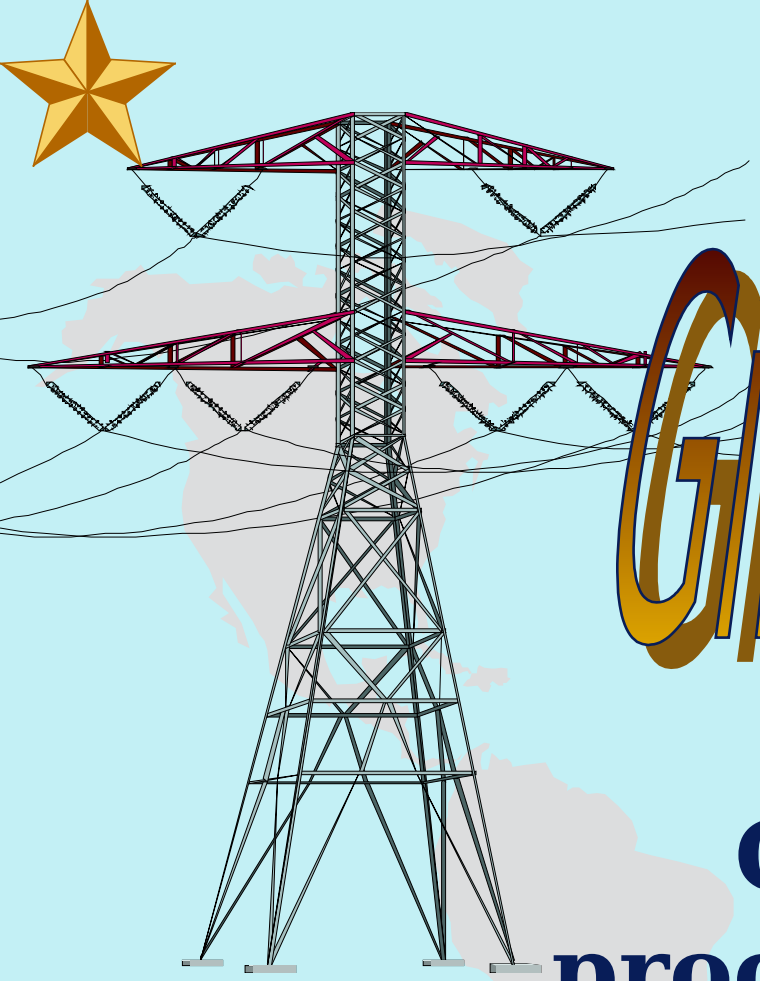




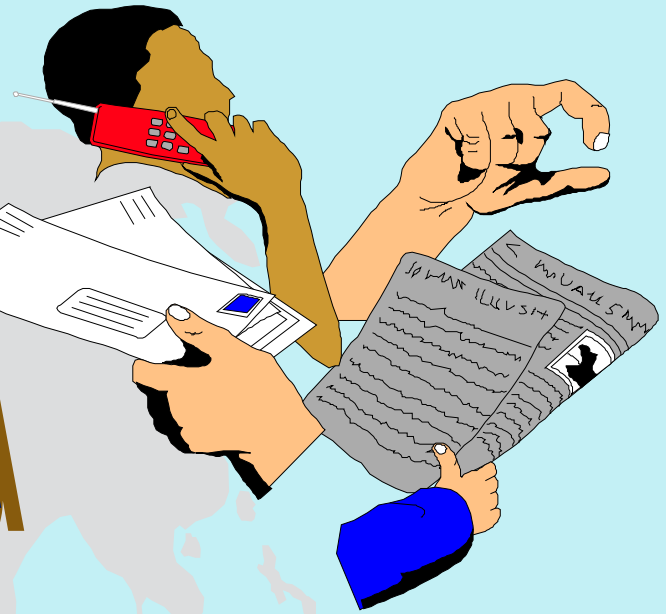
Beadwindow



Procedures designed to inform friendly units that classified or sensitive info has been revealed on a NON-

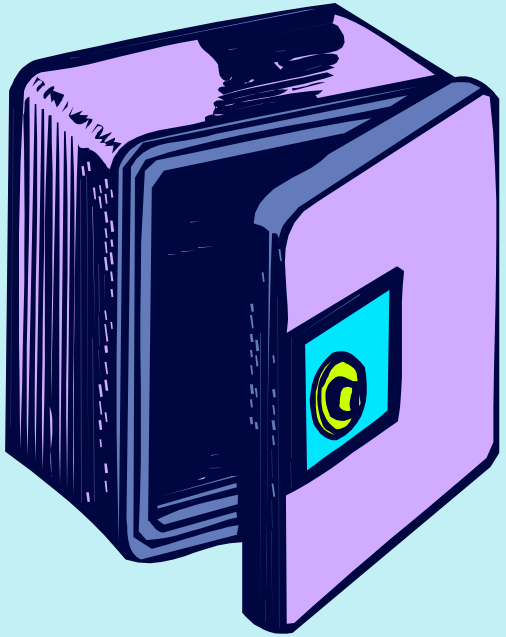


Gingerbread



Code word used in procedures to alert other units in a net that enemy communications INTRUSION is either suspected or confirmed

Communication Security Material System (CMS)



- **Ensures proper distribution, control, security, and accountability of COMSEC materials throughout the Navy.**

Operating principles:

Four Safeguards

I. CHAIN OF CUSTODY

Operating principles:

Four Safeguards

II. POSITIVE ACCOUNTING

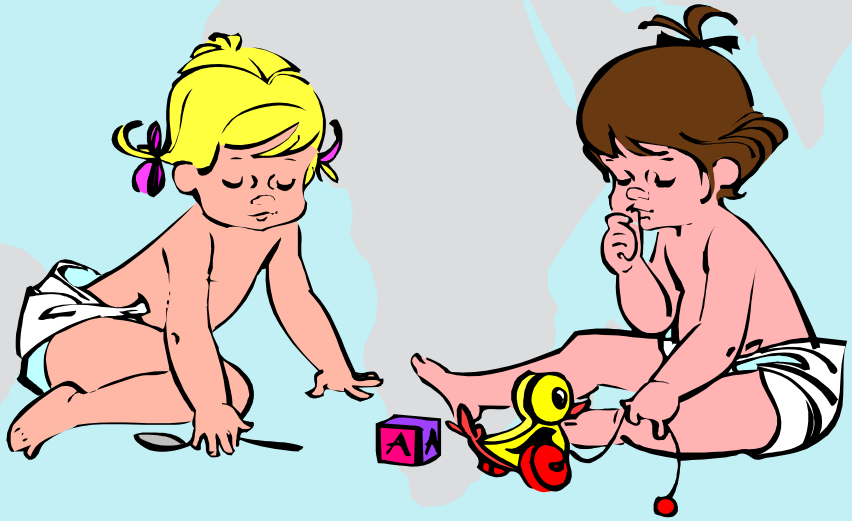
Operating principles:

Four Safeguards

III. IMMEDIATE REPORTING OF LOSS

Operating principles:

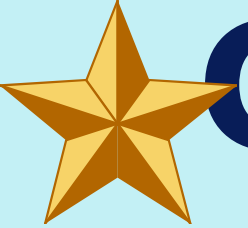
Four Safeguards



IV. TWO-PERSON INTEGRITY (TPI)

TERRORISM DEFINED:

- **The unlawful use or threat of violence against persons or property to further political or social objectives.**



Counter-Terrorism Policy:

- **Make no concessions.**
- **Apply the rule of law and improve the capabilities of friendly governments to counter the threat they face.**
- **Apply pressure on states that sponsor terrorism. (**Iran, Iraq, Cuba, Libya, North Korea, Sudan, and Syria)

IN
SUMMARY

What source of intelligence collection do we use as electronic support equipment to gather ELINT and COMMINT?

- SIGINT

The U.S. Navy owns ships that are specifically designed for intelligence collection? T/F

- False

Which one of the following employs measures to deny the enemy info concerning planned, ongoing and completed ops whether classified or not?

- Operations Security (OPSEC)

to deny unauthorized personnel info derived from telecoms of the U.S. govt related to National security and to ensure the authenticity of each telecommunication?

- COMSEC

Which one of the following components of Communication Security (COMSEC) deals with storage, accounting, and transportation of classified information?

- Physical Security

What procedure is designed to inform another friendly unit that it has revealed classified or sensitive information on a non-secure radio circuit?

- BEADWINDOW

What procedure is the code word used in radio circuits procedure to alert other units in a net that enemy comms intrusion is either suspected or confirmed?

- GINGERBREAD

What operating principle of CMS requires two people to handle classified material?

- Two-person integrity

Define Terrorism

- **An unlawful use or *threat of violence* against persons or property to further *political or social objectives*.**

Which one of the following elements is a focus of U.S. counter-terrorism?

- Compromise when possible.
- Pursue diplomatic efforts only.
- Make no concessions.
- Make concessions when necessary.

Any questions?